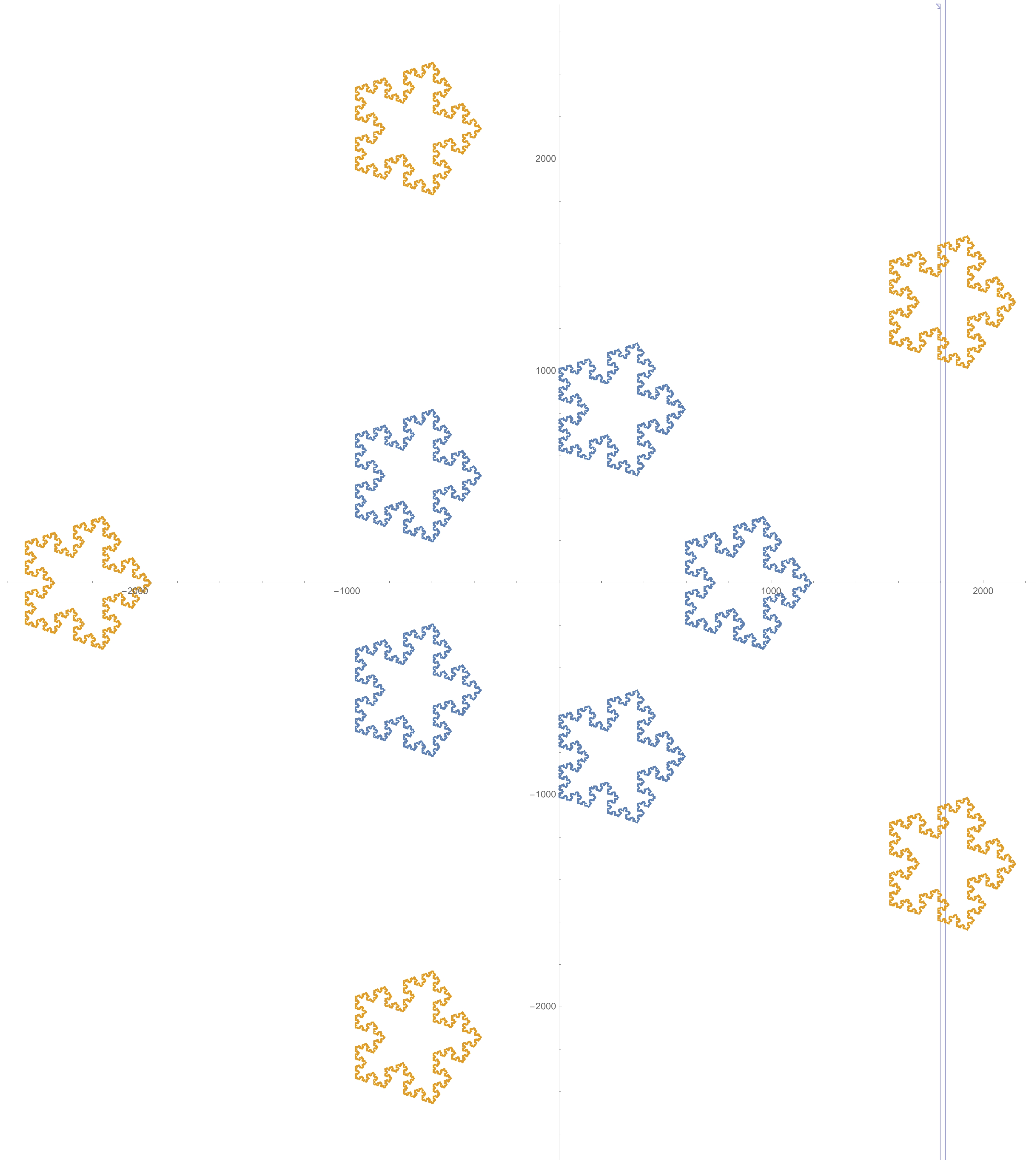


```

▼ ListPlot[{MinskyCircularize[1, 5/2 -  $\sqrt{5}$ /2] /@ MinskySequence[Fibonacci[15], Fibonacci[16], 1, 5/2 -  $\sqrt{5}$ /2, 999999],
  MinskyCircularize[1, 5/2 -  $\sqrt{5}$ /2] /@ MinskySequence[Fibonacci[18], Fibonacci[17], 1, 5/2 -  $\sqrt{5}$ /2, 999999]},
  PlotStyle → PointSize[Tiny]]
▼ period = 68270
period = 68270

```



# The Fourier Series

$$\text{HoldForm}\left[\text{raster}\left[\mathbf{t}\right] == \frac{\sin\left[\pi/5\right]}{\pi^2} \sum_{\mathbf{k}} (-1)^{\mathbf{k}} \mathbf{E}^{\left(\mathbf{I} * \pi * \left(\mathbf{k} - 1/5\right) * \mathbf{t}\right)} / \left(\mathbf{k} - 1/5\right)^2 \text{Product}\left[1 - \tan\left[\pi/5\right] * \tan\left[\pi * \left(\mathbf{k} - 1/5\right) / \left(-2\right)^{\mathbf{n}}\right], \left\{\mathbf{n}, \infty\right\}\right], \left\{\mathbf{k}, -\infty, \infty\right\}\right]$$

$$\text{Out[73]= } \text{rastar}(t) = \frac{\sin\left(\frac{\pi}{5}\right) \sum_{k=-\infty}^{\infty} \frac{(-1)^k e^{i \pi \left(k-\frac{1}{5}\right) t} \prod_{n=1}^{\infty} \left(1 - \tan\left(\frac{\pi}{5}\right) \tan\left(\frac{\pi \left(k-\frac{1}{5}\right)}{(-2)^n}\right)\right)}{\left(k-\frac{1}{5}\right)^2}}{\pi^2}$$

Out[73]=

```
In[62]:= ListLinePlot[{Re[#], Im[#]} & /@ Table[rastar[t], {t, .0, 10, 1 / 256}], AspectRatio -> Automatic]
```

